

GeometryQuiz03: Polygons

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Question 1

Find the sum of the interior angles of a hexagon.

Question 2

How many sides does a polygon have if each interior angle is 135° ?

Question 3

Calculate the measure of each exterior angle of a regular octagon.

Question 4

A regular polygon has 12 sides. Find the measure of each interior angle.

Question 5

If the sum of the interior angles of a polygon is 1080° , how many sides does the polygon have?

Question 6

Find the area of a regular pentagon with a side length of 10 cm and an apothem of 6.9 cm.

Question 7

Determine the number of diagonals in a decagon.

Question 8

In a regular polygon, each interior angle measures 120° . Find the number of sides.

Question 9

A regular polygon has 15 sides. Calculate the measure of each exterior angle.

Question 10

What is the total measure of the exterior angles of any polygon?